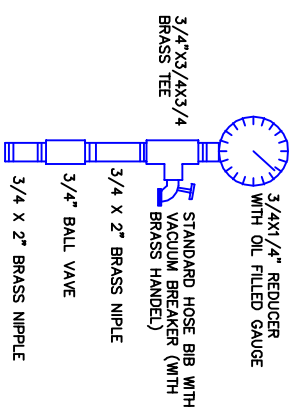


GENERAL NOTE:
PIPE FITTINGS & VAULT DIMENSIONS SHOWN ARE FOR A 16" MAIN
LINE (12" PRV) INSTALLATION. THESE DIMENSIONS WILL VARY BASED
ON ACTUAL MAIN LINE & PRV SIZES.

SIZE CHART	
WATER MAINLINE SIZE	REQUIRED P.R.V. SIZE
6"	4"
8"	6"
10"	8"
12"	10"
14"	12"
16"	12"



DETAIL OF ITEM #12

ITEM DESCRIPTION

- ① TEE (FLxFL)
- ② REDUCER (MxM)
- ③ GATE VALVE (FLxFL)
- ④ 12" SOLID SLEEVE WITH MEGA LUGS (MxM)
- ⑤ 12" PRESSURE REDUCING, PRESSURE SUSTAINING VALVE (FLxFL) CLA-VAL COMPANY 20-200 PSI RANGE WITH POSITION INDICATOR, SPEC STAINLESS BONNET BOLTS (SIZE AS INDICATED ON SIZE CHART)
- ⑥ SPOOL (FLxPE)
- ⑦ SPOOL (FLxFL) - 12" LONG
- ⑧ STEPS (6 @ 12") M.A. INDUSTRIES, INC. PSI-PF OR EQUAL
- ⑨ JACK STAND FOR PIPE SIZE AS SHOWN
- ⑩ 3/4" IP TAP, 3/4" x 2" BRASS NIPPLE, 3/4" BALL VALVE, 3/4"x2" BRASS NIPPLE, 3/4"x3/4"x3/4" BRASS TEE, 3/4"x1/4" REDUCER, WITH OIL FILLED GAUGE, STANDARD HOSE BIB WITH VACUUM BREAKER, (WITH BRASS HANDLE)
- ⑪ FLOOR DRAIN (24"x24") OPENING
- ⑫ REDUCING FLANGE (FLx2"TH)
- ⑬ 2" BRASS NIPPLE (THxTH) - 4" LONG
- ⑭ 2" BRASS 90 ELL (THxTH)
- ⑮ 2" BRASS NIPPLE LONG (THxTH)
- ⑯ 2" BALL VALVE (THxTH)
- ⑰ FL x PL SPOOL
- ⑱ 2" COMPRESSION COUPLINGS WITH RESTRAINTS
- ⑲ 2" PRESSURE REDUCING / PRESSURE SUSTAINING VALVE (THxTH) 20-200 PSI RANGE CLA-VAL COMPANY WITH POSITION INDICATOR, SPEC STAINLESS BONNET BOLTS



STANDARD DETAIL

FIGURE_12A

PRESSURE REDUCING STATION

SCALE: NONE

NO.	AUTHORIZED BY	REVISIONS	DATE
1	RSS	UPDATE	12/21/99
2		REVIEWED	2004
3	CC	UPDATE	1/2010